DNAxPAb | Hard-to-Find Antibody

POLE3 DNAxPab

Catalog # H00054107-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human POLE3 DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAERPEDLNLPNAVITRIIKEALPDGVNISKEARSAISRAASVFVLYATSCANNFAMKGKRKTLNAS DVLSAMEEMEFQRFVTPLKEALEAYRREQKGKKEASEQKKKDKDKKTDSEEQDKSRDEDNDE DEERLEEEEQNEEEEVDN
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry (Transfected cell)
- Western Blot (Transfected lysate)

  Protocol Download
- Immunofluorescence (Transfected cell)

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Gene Info — POLE3

Entrez GeneID	54107
GeneBank Accession#	BC003166.1
Protein Accession#	AAH03166.1
Gene Name	POLE3
Gene Alias	CHARAC17, CHRAC17, YBL1, p17
Gene Description	polymerase (DNA directed), epsilon 3 (p17 subunit)
Omim ID	607267
Gene Ontology	Hyperlink
Gene Summary	POLE3 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a se quence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.[supplied by OMIM
Other Designations	DNA polymerase epsilon p17 subunit|DNA polymerase epsilon subunit 3|OTTHUMP0000002195 4|OTTHUMP00000021955|arsenic transactivated protein|chromatin accessibility complex 17|hist one fold protein CHRAC17

Pathway

- Base excision repair
- DNA replication
- Metabolic pathways
- Nucleotide excision repair
- Purine metabolism
- Pyrimidine metabolism

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